

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-45 (Canceled)

46. (Currently Amended) A pharmaceutical composition consisting essentially of a phosvitin or a phosvitin fragment of at least 20 amino acids including at least one phosphorylatable amino acid thereof which is at least ~~[[10%]]~~70% dephosphorylated and a pharmaceutically-acceptable carrier, wherein the pharmaceutical composition is not an aqueous solution or a lyophilized material.

47-48 (Canceled)

49. (Previously presented) The composition of Claim 46 wherein the phosvitin is chicken phosvitin.

50.-52. (Canceled)

53. (Currently Amended) The composition of ~~Claim 52~~Claim 46 wherein the phosvitin or fragment thereof is at least about 90% dephosphorylated.

54-80 (Canceled)

81. (Currently Amended) A kit for contacting a cell, a tissue or an organ that has been removed from an animal, the kit comprising:

(a) a container holding a phosvitin or fragment of at least 20 amino acids including at least one phosphorylatable amino acid thereof which is at least 70% dephosphorylated; and

(b) instructions describing how to use the kit to contact a cell, tissue or organ with the phosvitin or fragment thereof in the kit.

82-185 (Canceled)

186. (Currently Amended) A pharmaceutical composition which is formulated for topical administration to an animal and which is not an aqueous solution, the composition consisting essentially of a phosvitin or a phosvitin fragment of at least 20 amino acids including at least one phosphorylatable amino acid thereof which is at least ~~[[10%]]~~70% dephosphorylated and a pharmaceutically-acceptable carrier.

187-193 (Canceled)

194. (Previously presented) The composition of Claim 186 wherein the phosvitin is chicken phosvitin.

195.-198. (Canceled)

199. (Currently Amended) The composition of ~~Claim 198~~Claim 186 wherein the phosvitin or fragment thereof is at least about 90% dephosphorylated.

200-216 (Canceled)

217. (Currently Amended) The pharmaceutical composition of any one of Claims 186, ~~195-199 or 288~~199 or 288 which is formulated for topical administration to the skin of an animal.

218. (Currently Amended) The pharmaceutical composition of any one of Claims 46, 186, ~~195-199 or 288~~199 or 288 which is drops, a spray, an aerosol or an inhalant.

219. (Currently Amended) The pharmaceutical composition of any one of Claims 46, 186, ~~195-199 or 288~~199 or 288 which is a powder or a foam.

220. (Currently Amended) The pharmaceutical composition of any one of Claims 46, 186, ~~195-199 or 288~~199 or 288 which is a lotion, a gel, a cream, an ointment or a paste.

221-245 (Canceled)

246. (Previously presented) The pharmaceutical composition of Claim 220 which is an ointment or a cream.

247-271 (Canceled)

272. (Currently Amended) A pharmaceutical composition comprising a phosvitin or a phosvitin fragment of at least 20 amino acids including at least one phosphorylatable amino acid thereof which is at least 10% dephosphorylated and has a targeting molecule covalently attached to it and a pharmaceutically-acceptable carrier.

273. (Previously presented) The composition of Claim 272 wherein the composition is formulated for topical administration to an animal.

274-279 (Canceled)

280. (Canceled)

281. (Previously presented) The composition of Claim 53 wherein the phosvitin or fragment thereof is unphosphorylated.

282.-285 (Canceled)

286. (Currently Amended) The composition of ~~Claim 285~~Claim 49 wherein the phosvitin or fragment thereof is at least about 90% dephosphorylated.

287. (Previously presented) The composition of Claim 286 wherein the phosvitin or fragment thereof is unphosphorylated.

288. (Previously presented) The composition of Claim 199 wherein the phosvitin or fragment thereof is unphosphorylated.

289.-292 (Canceled)

293. (Currently Amended) The composition of ~~Claim 292~~Claim 194 wherein the phosvitin or fragment thereof is at least about 90% dephosphorylated.

294. (Previously Presented) The composition of Claim 293 wherein the phosvitin or fragment thereof is unphosphorylated.

295. (Currently Amended) The pharmaceutical composition of any one of Claims 194 or ~~289-294~~293-294 which is formulated for topical administration to the skin of an animal.

296. (Currently Amended) The pharmaceutical composition of any one of Claims 194 or ~~289-294~~293-294 which is drops, a spray, an aerosol or an inhalant.

297. (Currently Amended) The pharmaceutical composition of any one of Claims 194 or ~~289-294~~293-294 which is a powder or a foam.

298. (Currently Amended) The pharmaceutical composition of any one of Claims 194 or ~~289-294~~293-294 which is a lotion, a gel, a cream, an ointment or a paste.

299. (Previously Presented) The pharmaceutical composition of Claim 298 which is an ointment or a cream.